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PATENT  
Customer No. 22,852  
Attorney Docket No. 7781.0118-00  
SAP Ref. No.: 2002P10103

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: )  
)  
Michael Conrad, et al. ) Group Art Unit: 2171  
)  
Application No.: 10/721,898 ) Examiner: Unknown  
)  
Filed: November 26, 2003 )  
)  
For: COMPUTERIZED REPLICATION )  
OF DATA OBJECTS )

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. To the best of our knowledge, this Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application. Copies of the listed documents, including any copending patent applications, are attached.

Applicants respectfully request that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

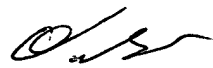
Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,  
GARRETT & DUNNER, L.L.P.

Dated: May 21, 2004

By:   
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OMB No. 0651-0011

## INFORMATION DISCLOSURE CITATION

Atty. Docket No.	07781.0118-00000	Appln. No.	10/721,898
Applicant	Michael Conrad, et al.		
Filing Date	November 26, 2003	Group:	2171

Examiner Initial*	Document Number	Issue Date	Name	Class	Sub Class	Filing Date If Appropriate
	6,029,178	02/22/00	Martin, et al.			
	6,032,158	02/29/00	Mukhopadhyay, et al.			

	Document Number	Publication Date	Country	Class	Sub Class	Translation Yes or No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
	PCT International Search Report - International Application No. PCT/EP 03/13159 dated 4/20/04
	Chaudhuri, Surajit, et al., "An Overview of Data Warehousing and OLAP Technology," SIGMOD Record, Association for Computing Machinery, New York, Vol. 26, No. 1, March 1997, pp. 65-74.
	Ram, Prabhu, et al., "Extracting Delta for Incremental Data Warehouse Maintenance," Data Engineering, 2000, Proceedings of the 16 <sup>th</sup> International Conference, San Diego, CA, February 29-March 3, 2000, pp. 220-229.
	Stefani, Helmut, "Datenarchivierung mit SAP," SAP-Info, SAP Ag., Corporate Communications, Walldorf, Germany, May 2002, 27 pages.

Examiner	Date Considered
*Examiner:	Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.
Form PTO 1449	Patent and Trademark Office - U.S. Department of Commerce

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